



1 F W  
1744\$

DOCKET NO.: B1102.70000US00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jury, et al.  
Serial No.: 09/707,852  
Confirmation No.: 9828  
Filed: November 7, 2000  
For: MICROREACTOR

Examiner: David A. Redding  
Art Unit: 1744

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 17th day of October, 2006.

Signature

*Angela M. Griffith*  
Angela M. Griffith

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 C.F.R. §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants request consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office action, but before the mailing date of any final action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

1071414.1

10/20/2006 WABDELRI 00000066 09707852 180.00 0P  
01 FC:1806

PART II: Information Cited

The Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Serial No.: 09/707,852  
Conf. No.: 9828

- 3 -

Art Unit: 1744

Respectfully submitted,

By:



Timothy J. Omer, Ph.D., Reg. No. 36,628  
Tani Chen, Sc.D., Reg. No. 52,728  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
Telephone: (617) 646-8000

Docket No.: B1102.70000US00  
Date: 10/17, 2006  
xNDDx



FORM PTO-1449/A and B (revised PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/707,852		ATTY. DOCKET NO.: B1102.70000US00	
				FILING DATE: Nov. 7, 2000		CONFIRMATION NO.: 9828	
				APPLICANT: Jury, et al.			
				GROUP ART UNIT: 1744		EXAMINER: David A. Redding	
Sheet	1	of	2				

**U.S. PATENT DOCUMENTS**

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		5,004,685		Arai, et al.	04-02-1991
		5,051,237		Grenner, et al	09-24-1991
		5,430,542		Shepherd	07-04-1995
		5,478,751		Oosta, et al.	12-26-1995
		5,744,366		Kricka, et al.	04-28-1998
		6,090,251		Sundberg, et al.	07-18-2000
		6,176,962		Soane, et al.	01-23-2001
		6,387,651		Bochner, et al.	05-14-2002
		6,46,1812		Barth, et al.	10-08-2002
		6,461,861		Schilling, et al.	10-08-2002
		6,534,013		Kennedy	03-18-2003
		6,552,784		Dietz, et al.	04-22-2003
		6,555,067		Gandhi, et al.	04-29-2003
		6,645,432		Anderson, et al.	11-11-2003
		6,648,015		Chow	11-18-2003
		6,699,665		Kim, et al.	03-02-2004
		6,734,436		Faris, et al.	05-11-2004
		6,743,633		Hunter	06-01-2004
		6,790,652		Terry, et al.	09-14-2004
		6,818,436		Yamamoto, et al.	11-16-2004
		6,848,462		Covington, et al.	02-01-2005
		6,849,463		Santini, Jr., et al.	02-01-2005
		6,884,580		Caren, et al.	04-26-2005
		6,919,046		O'Connor, et al.	07-19-2005
		6,937,330		Dietz , et al.	08-30-2005
		6,949,377	B2	Ho	09-27-2005
		6,981,522	B2	O'Connor et al.	01-03-2006
		6,994,749	B2	David	02-07-2006
		7,026,124	B2	Barth et al.	04-11-2006
		7,028,536	B2	Karp et al.	04-18-2006
		7,033,474	B1	Dubrow et al.	04-25-2006
		7,052,880	B2	McEntee	05-30-2006
		2002/0177159		Bedilion, Tod, et al.	11-28-2002
		2003/0175947	A1	Liu et al.	09-18-2003
		2004/0132166		Miller, Scott E, et al.	07-08-2004
		2005/0026134	A1	Miller et al.	02-03-2005
		2005/0026273	A1	Zarur et al.	02-03-2005

<b>FORM PTO-1449/A and B (modified PTO/SB/08)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/707,852		ATTY. DOCKET NO.: B1102.70000US00	
				FILING DATE: Nov. 7, 2000		CONFIRMATION NO.: 9828	
				APPLICANT: Jury, et al.			
				GROUP ART UNIT: 1744		EXAMINER: David A. Redding	
Sheet	2	of	2				

#### U.S. PATENT DOCUMENTS

		2005/0032204	A1	Rodgers et al.	12-10-2005
		2005/0106714	A1	Zarur et al.	05-19-2005
		2005/0266582	A1	Modlin et al.	12-01-2005
		2005/0271560	A1	Rodgers et al.	12-08-2005
		2005/0277187		Johnson, et al.	12-15-2005
		2005/0287673	A1	Johhson, et al.	12-29-2005
		2006/0019333	A1	Rodgers, et al.	01-26-2006

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		DE	19728520	A1	IMB Institute	01-07-0999	
		WO	2004/069983	A2	BioProcessors Corporation	08-19-2004	
		WO	2004/112946	A2	BioProcessors Corporation	12-29-2004	
		WO	2005/120698		BioProcessors Corporation	05-04-2000	
		WO	2005/121307		BioProcessors Corporation	12-22-2005	
		WO	2005/121310		BioProcessors Corporation	12-22-2205	
		WO	01/38559		3M Innovative Properties Company	05-31-2001	
		WO	02/057200		Bioforce Labroartory, Inc.	07-25-2002	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

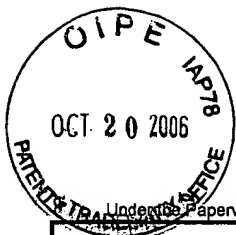
Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		International Search Report dated 01/12/2004 in International Application No.: PCT/US03/17816.	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

# EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]



PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	09/707,852-Conf. #9828
Filing Date	November 7, 2000
First Named Inventor	Andrey Z. Jury
Examiner Name	D. A. Redding
Art Unit	1744
Attorney Docket No.	B1102.70000US00

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 23/2825 Deposit Account Name: Wolf, Greenfield & Sacks, P.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
--------------	--------------	----------	---------------

- 20 =	x	=	
--------	---	---	--

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
---------------	--------------	----------	---------------

- 3 =	x	=	
-------	---	---	--

HP = highest number of independent claims paid for, if greater than 3.

**Multiple Dependent Claims**

Fee (\$)	Fee Paid (\$)
----------	---------------

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
--------------	--------------	--	----------	---------------

- 100 =	/50	(round up to a whole number) x	=	
---------	-----	--------------------------------	---	--

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	36,628	Telephone	(617) 646-8000
Name (Print/Type)	Timothy J. Oyer Ph.D.	Date	10/17/06		

**Certificate of Mailing Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 10/17/06

Signature: (Angela M. Griffith)